

**IN THE**  
**UNITED STATES PATENT AND TRADEMARK OFFICE**

**Inventor(s):** Phillip C. Cagle

**Confirmation No.:**

**Application No.:**

**Examiner:**

**Filing Date:**

**Group Art Unit:**

**Title:** POLYMER COLLOID-CONTAINING INK-JET INKS FOR PRINTING ON NON-POROUS SUBSTRATES

**Commissioner for Patents**

**PO Box 1450**  
**Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**

**Sir:**

This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

( ) under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e)(1) or (2), and  
( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV 315 887 829 US**

Date of Deposit 2/5/04

Respectfully submitted,

**Phillip C. Cagle**

By M. Wayne Western

**M. Wayne Western**

Attorney/Agent for Applicant(s)  
Reg. No. **22,788**

Date: Feb 5, 2004

By Emily Mecham

Typed Name: **Emily Mecham**

<b>FORM PTO-1449</b>		<b>ATTY. DOCKET NO.</b>	<b>APPLICATION NO.</b>	<b>CONFIRMATION NO.</b>
		<b>200316243-1</b>		
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>		<b>APPLICANT</b>		
(Use several sheets if necessary)		<b>Phillip C. Cagle</b>		
		<b>FILING DATE</b>	<b>GROUP</b>	

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

<b>EXAMINER INITIAL</b>		<b>DOCUMENT NUMBER</b>	<b>PUBLICATION DATE</b>	<b>NAME</b>	<b>Pages, Columns, Lines Where Relevant Passages or Figures Appear</b>
	1A	6,177,498	01/23/2001	Rehman	
	1B	6,402,316	06/11/2002	Ichinose	
	1C	6,417,249	07/09/2002	Nguyen et al.	
	1D	6,536,890	03/25/2003	Kato et al.	
	1E	6,620,470	09/16/2003	Nojima et al.	
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

**FOREIGN PATENT DOCUMENTS**

		<b>DOCUMENT NUMBER</b>	<b>PUBLICATION DATE</b>	<b>NAME OF PATENTEE OR APPLICANT</b>	<b>Pages/Columns/Lines Where Relevant Passages/Figures Appear</b>	<b>Check if Translation attached</b>
	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	1Q	
	1R	
	1S	

EXAMINER

DATE CONSIDERED